

## TABLE OF CONTENTS

	Page
Abstract	iii
The State Planning Council	iv
The Technical Committee	v
The Long-term Drought Management Task Force	vi
The Rhode Island Water Resources Board	vii
Preface	viii
Adoption and Acknowledgements	ix
Table of Contents	x
List of Tables	xii
List of Figures	xii
 <b>Executive Summary</b>	 ES-1
 <b>Part</b>	
<b>724-01: Introduction and Purpose</b>	1-1
01-01 Purpose of the Plan	1-1
01-02 Context for Drought Planning	1-1
01-02-01 State Guide Plan Water Supply Management Policies	1-2
01-02-02 Municipal Comprehensive Planning	1-2
01-02-03 Water System Management Planning	1-3
 <b>724-02: Background on Drought</b>	2-1
02-01 Background on Drought	2-1
02-02 Drought in Rhode Island	2-3
02-02-01 Short-term Droughts	2-6
02-02-02 Long-term Droughts	2-6
 <b>724-03: Goals, Objectives, and Strategies for Drought Management</b>	3-1
03-01 State Guide Plan Context	3-1
03-02 Drought Management Policies	3-1
03-03 Short-term Goals, Objectives, and Strategies	3-2
03-03-01 Strategies for State Government	3-3
03-03-02 Strategies for Water Supply Systems	3-3
03-03-03 Strategies for Municipal Government	3-4
03-04 Long-term Goals, Objectives, and Strategies	3-4
03-04-01 Strategies for Large Consumers on Public Supplies	3-5
03-04-02 Strategies for Residential Consumers on Public Systems	3-6
03-04-03 Strategies for Large Consumers not on Public Supplies	3-6
03-04-04 Strategies for Users of Non-public Water Systems	3-6
03-04-05 Strategies for Strategies for Wastewater Reuse	3-6
03-04-06 Strategies for Water Rates	3-7
03-04-07 Strategies for Policy and Legislative Actions	3-7

<b>724-04:</b>	<b>Implementation: Rhode Island Drought Management Plan</b>	<b>Page</b> 4-1
04-01	Response Framework	4-1
04-02	Drought Steering Committee	4-2
04-03	State and Local Roles	4-3
04-03-01	Water Resources Board (WRB)	4-3
04-03-02	Office of the Governor	4-4
04-03-03	Department of Environmental Management (DEM)	4-4
	Division Agriculture	4-4
	Office of Water Resources	4-5
	Division of Forest Environment	4-5
	Division of Fish and Wildlife	4-6
04-03-04	Emergency Management Agency (EMA)	4-6
04-03-05	Department of Health (DOH)	4-6
04-03-06	Public Utilities Commission (PUC)	4-6
04-03-07	Statewide Planning Program and State Planning Council	4-7
04-03-08	Water Suppliers	4-8
04-03-09	Local Governments	4-9
04-03-10	Other Local Organizations	4-10
04-04	Anticipating Drought	4-12
04-04-01	Data Collection and Monitoring	4-12
04-04-02	Drought Indices and Phases	4-14
	Drought Phases	4-14
	Drought Indices	4-14
04-05	Setting Drought Phases	4-15
04-06	Drought Regions	4-16
04-07	Communication	4-16
04-08	Rhode Island Drought Management Actions	4-19
04-09	Non-Essential Water Uses	4-26
04-10	Returning to Normal	4-28
<b>724-05:</b>	<b>Conclusion</b>	5-1
<b>References</b>		Ref-1
<b>Appendix</b>		
A:	State Guide Plan Elements Related to Water Resource Management	A-1
B:	Historic Meteorological Data	
B-1:	Historical Precipitation Data Kingston, RI Weather Station 1889-2001	B-1-1
B-2:	Providence, RI Precipitation Rates	
B-2-1	T.F.Green Airport Weather Station 1905-2001	
B-3:	Scituate Reservoir Levels 2000-2002	B-3-1
B-4:	Scituate Reservoir Elevations 1928-2002	B-4-1
B-5:	RI 2002 Groundwater Levels	B-5-1
C:	Water Resources Board Emergency Interconnections Program	C-1
D:	Federal Funding Assistance	D-1
E:	DEM Drought Response Plan for Agriculture	E-1

## **List of Tables**

<b>Table</b>		<b>Page</b>
724-(1)	Rhode Island Historical Droughts	2-7
724-(2)	Drought Related Information Collection	4-12
724-(3)	Rhode Island Drought Indices and Phases	4-17
724-(4)	Communication of Steering Committee Recommendations	4-18
724-(5)	Rhode Island Drought Management Actions	4-21
724-(6)	Non-essential Water Uses in Rhode Island During Drought	4-27
724-(7)	Returning to Normal	4-29

## **LIST OF FIGURES**

<b>Figure</b>		
724-(1)	The Hydro-Illogical Cycle	2-2
724-(2)	Areas Served by Major Public Water Suppliers	
724-(3)	Rhode Island Drought Management Process	4-11
724-(4)	Rhode Island Drought Regions	